RECORDATION NO. 29411 FILED

ALVORD AND ALVORD
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SURFACE TRANSPORTATION BOARD

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20036

August 11, 2010

Chief
Section of Administration
Office of Proceedings
Surface Transportation Board
395 E Street, S.W.
Washington, D C. 20423

Contract 4-8888 Rider 1

Dear Section Chief,

Enclosed for recordation pursuant to the provisions of 49 U.S.C. Section 11301(a) are two (2) copies of a Memorandum of Lease, dated as of May 11, 2010, a primary document as defined in the Board's Rules for the Recordation of Documents

The name and address of the party to the enclosed document are.

Lessor: American Railcar Leasing LLC

620 North Second Street St. Charles, Missouri 63301

[Lessee TETRA Technologies, Inc

24955 Interstate 45 North The Woodlands, TX 77380] Section Chief August 11, 2010 Page 2

A description of the railroad equipment covered by the enclosed document is

5 hopper railcars within the series ACFX 056625 – ACFX 059540, as more particularly set forth in the attachment to the document.

A short summary of the document to appear in the index is:

Memorandum of Lease.

Also enclosed is a check in the amount of \$41.00 payable to the order of the Surface Transportation Board covering the required recordation fee.

Kindly return stamped copies of the enclosed document to the undersigned

Very truly yours,

Robert W. Alvord

RWA/sem Enclosures

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MEMORANDUM OF LEASE

This Memorandum of Lease is prepared and filed by American Railcar Teasing ION BOARD LLC, a Delaware limited liability company, on behalf of (i) itself as lessor and/or as assignee of ACF Industries, Incorporated, ACF Industries LLC, American Railcar Industries, Inc., and/or ACF Acceptance LLC as the sole member of various ACF Acceptance entities, and/or (ii) as manager for one or more of the following affiliated lessors: ARI First LLC, ARI Second LLC, ARI Third LLC, ARL II Funding LLC, Shippers Third LLC, and ARL Fifth LLC, all with respect to TETRA Technologies, Inc., a Delaware Corporation ("Lessee").

American Railcar Leasing LLC (as assignor or lessor, herein, "Lessor") and Lessee have entered into that certain Master Service Contract as identified on Schedule A (as amended, changed, assigned, modified and supplemented from time to time, together with any schedules and exhibits thereto, the "Lease"), pursuant to which Lessee leased the railcars listed on Schedule A attached hereto from Lessor on the terms and conditions set forth therein, and from time to time may lease other railcars bearing the reporting marks SHPX and/or ACFX.

The Lease, among other things, has the following provision:

In order to more fully protect the rights, title and ownership of the Lessor (including its assignees) in the cars hereunder however, the Lessee is granting to the Lessor the lien on and security interest in the cars as set forth as follows. Without prejudice to the Lessor's full and complete ownership, rights, title and interest in and to the cars, in order to secure any and all current and future obligations of the Lessee under this lease, for good and valuable consideration, the Lessee hereby irrevocably grants to the Lessor a continuing lien on and a security interest in (i) the cars together with any proceeds thereof and/or therefrom, including, without limitation, any proceeds and receivables generated from the sale or lease of the cars, and (ii) any insurance claims related to the cars and any proceeds from such claims. The cars include, without limitation, (a) any and all improvements, additions, replacements, substitutions and modifications thereon and/or thereof, (b) the railcars specifically set forth in this lease, (c) any other railcars leased or to be leased under this lease to the Lessee and (d) any railcars in possession of the Lessee bearing reporting marks ACFX, SHPX and any other reporting marks owned by Lessor as of this date or at any date in the future. The Lessor may from time to time include an affiliate of the Lessor, becoming the Lessor through an assignment of this lease or any schedule thereof and/or the cars.

This Memorandum of Lease is prepared for registration purposes and is not intended to amend the terms and conditions of the Lease.

AMERICAN RAILCAR LEASING LLC

Name. Brian Evdo

Title: VP - Business Development

STATE OF MISSOURI) ss.
COUNTY OF ST. CHARLES)

On this 11th day of May. 2010, before me, personally appeared Brian Evdo, to me personally known, who being by me duly sworn, says that he resides at St Charles, Missouri and is the VP – Business Development of American Railcar Leasing LLC, that said instrument was signed on the date hereof on behalf of said company by authority of its governing body; and he acknowledged that the execution of the foregoing instrument was the free act and deed of said company.

NANCY COLLINS
Notary Public - Notary Seal
State of Missouri
Commissioned for St. Charles County
My Commission Expires: August 02, 2012
Commission Number: 08499131

Notary Public

My commission expires on 8/2/2012

Schedule A

Equipment

TETRA Technologies, Inc.

Contract 4-8888 rider 1 dtd 3/5/10

Quantity	Description	Reporting Marks	Road Numbers
	Hopper	ACFX	056625
	Hopper	ACFX	056864
	Hopper	ACFX	058152
	Hopper	ACFX	059297
	Hopper	ACFX	059540

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CERTIFICATION

I, Robert W. Alvord, attorney licensed to practice in the State of New York and the
District of Columbia, do hereby certify under penalty of perjury that I have compared the
attached copy with the original thereof and have found the copy to be complete and
identical in all respects to the original document.

Dated: 8 | 11 | 10

Robert W. Alvord